COMBINED DECLARATION, POWER OF ATTORNEY AND PETITION

We, the inventors,

1. Name: Qinbai FAN

Residence: Chicago, Illinois

Post Office Address: 4929 North Nottingham Avenue

Chicago, Illinois 60656

Citizenship: United States of America

2. Name: Michael ONISCHAK

Residence: St. Charles, Illinois

Post Office Address: 6N 268 Old Homestead Road

St. Charles, Illinois 60175

Citizenship: United States of America

3. Name: William E. LISS

Residence: Libertyville, Illinois
Post Office Address: 604 Carter Street

Libertyville, Illinois 60048

Citizenship: United States of America

declare that we have reviewed and understand the contents of the attached specification and claims and we verily believe that we are the original, first and joint inventors or discoverers of the invention or discovery in

SOLAR CELL ELECTROLYSIS OF WATER TO MAKE HYDROGEN AND OXYGEN

described and claimed in the attached specification; that we do not know and do not believe that this invention was ever known or used in the United States before our invention or discovery thereof; that to the best of our knowledge and belief the invention has not been in public use or on sale in the United States more than one year prior to our application, or patented or made the subject of an inventors' certificate in any foreign country prior to the date of our application on an application filed by ourselves or our legal representatives or assigns more than twelve months prior to our application in this country; that we acknowledge our duty to disclose information of which we are aware which is material to the examination of this application in accordance with 37 C.F.R. 1.56(a); and that no application for patent or inventors' certificate on this invention or discovery has been filed by us or our legal representatives or assigns in any country foreign to the United States, except as follows:

None

POWER OF ATTORNEY

We hereby appoint the following attorneys to prosecute this application and transact all business in the United States Patent and Trademark Office connected therewith:

Mark E. Fejer

Registration No. 34,817

SEND CORRESPONDENCE TO:

DIRECT TELEPHONE CALLS TO:

Mark E. Fejer Gas Technology Institute 1700 South Mount Prospect Road Des Plaines, Illinois 60018 TEL (847) 768-0832; FAX (847) 768-0802

(847) 768-0802 - Fax

Mark E. Fejer (847) 768-0832

PETITION

Wherefore we Pray that Letters Patent be granted to us for the invention or discovery described and claimed in the attached specification and claims, and we hereby subscribe our names to the attached specification and claims, Declaration, Power of Attorney and this Petition.

DECLARATION

The undersigned further declare that all statements made herein of their knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

3/3/2004

Date

Oinbai FAN

Michael ONISCHAK

Date

William F I ISS